



**DECLARATION FOR UTILITY  
PATENT APPLICATION  
(37 C.F.R. 1.63)**

		Attorney Docket No.	N247.12-0041
		First Named Inventor	James M. Daughton
		COMPLETE IF KNOWN	
Declaration Submitted with Initial Filing	<input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (Surcharge (37 C.F.R. 1.16(e)) Required)	Application Number	10/706,613
		Filing Date	November 12, 2003
		Group Art Unit	2828
		Examiner Name	

As a below named inventor, I hereby declare that my residence, post office address, and citizenship are as stated below.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:  
**MAGNETIC MEMORY LAYERS THERMAL PULSE TRANSITIONS**

the specification of which:

is attached hereto OR

☒ was filed on November 12, 2003 as United States Application Number 10/706,613 or PCT International Application Number and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Certified Copy Attached? Yes No

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)
60/425,386	11/12/2002

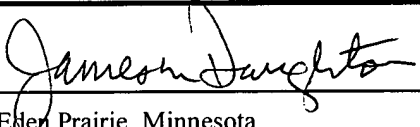
I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

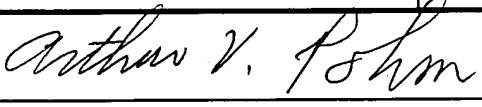
U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

DIRECT ALL CORRESPONDENCE TO:

Customer Number	00164
Attention	Theodore F. Neils
Telephone	(612) 339-1863
Fax	(612) 339-6580

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

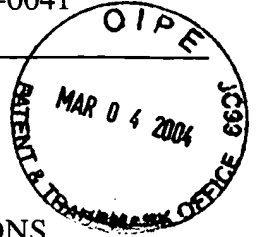
<b>Sole or First Inventor:</b>	
Given Name (First and middle (if any))	Family Name or Surname
James M.	Daughton
Inventor's signature	 Date: 3-3-04
Residence	Eden Prairie, Minnesota Citizenship: U.S.A.
Mailing Address	18687 Melrose Chase
City, State, Country	Eden Prairie, MN 55347, U.S.A.

<b>Second Inventor:</b>	
Given Name (First and middle (if any))	Family Name or Surname
Arthur V.	Pohm
Inventor's signature	 Date: 3-3-04
Residence	Ames, Iowa Citizenship: U.S.A.
Mailing Address	1704 Woodhaven Circle
City, State, Country	Ames, IA 50010, U.S.A.

# POWER OF ATTORNEY

Attorney Docket No.

N247.12-0041



First Named Inventor : James M. Daughton

Title : MAGNETIC MEMORY LAYERS THERMAL PULSE TRANSITIONS

In the patent application:

X identified above (and submitted to the Patent and Trademark Office herewith).

— filed on \_\_\_\_\_ as Application No. \_\_\_\_\_.

I appoint the attorneys and agents associated with Customer Number 00164 to prosecute the patent application identified above and to transact all business in the Patent and Trademark Office connected therewith, including full power of association, substitution and revocation.

I ratify all prior actions taken by Kinney & Lange, P.A. or the attorneys and agents mentioned above in connection with the prosecution of the above-mentioned patent application.

I authorize Kinney & Lange, P.A. to mark the appropriate space above and to insert the filing date and application number of the application, as appropriate.

Please address all correspondence and telephone calls to Customer Number 00164, attention Theodore F. Neils, Telephone (612) 339-1863, Fax (612) 339-6580.

NVE CORPORATION

Signature:

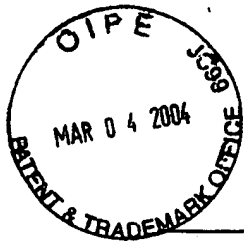
Daniel A. Baker  
Daniel A. Baker

Dated:

3/3/04

Title:

President



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor : James M. Daughton Appln. No. : 10/706,613 Filed : November 12, 2003 Title : MAGNETIC MEMORY LAYERS THERMAL PULSE TRANSITIONS Docket No. : N247.12-0041	Group Art Unit: 2828 Examiner:
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**SUBMISSION UNDER 37 C.F.R. 3.73(b)**

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

NVE Corporation, a Minnesota corporation, is an owner of the patent application identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_, Frame \_\_, or a copy of which is attached.

OR

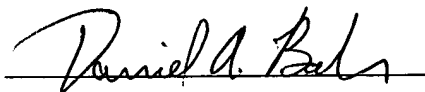
- B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy of which is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy of which is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy of  
which is attached.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature:



Daniel A. Baker

Date: 3/3/04

Title:

President

# ASSIGNMENT

Attorney Docket No.

N247.12-0041

First Named Inventor : James M. Daughton

Title : MAGNETIC MEMORY LAYERS THERMAL PULSE TRANSITIONS

WHEREAS, we, James M. Daughton, of Eden Prairie, Minnesota, U.S.A.; and Arthur V. Pohm of Ames, Iowa, U.S.A., have invented certain new and useful improvements as described in an application entitled MAGNETIC MEMORY LAYERS THERMAL PULSE TRANSITIONS for Letters Patent of the United States, the application having been executed on even date herewith, and/or being identifiable in the United States Patent and Trademark Office by Application No. \_\_\_\_\_, filed \_\_\_\_\_; and

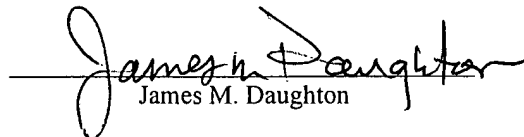
WHEREAS, NVE Corporation, a corporation organized and existing under the laws of the State of Minnesota, and having offices at 11409 Valley View Road, Eden Prairie, Minnesota, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application, corresponding domestic and foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained.

I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

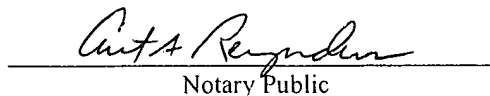
  
James M. Daughton

STATE OF MINNESOTA )

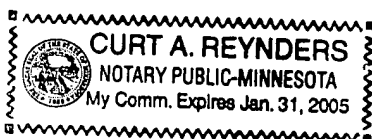
) ss.

COUNTY OF HENNEPIN )

Subscribed and sworn to before me, a Notary Public, this 3 day of MARCH, 2008.

  
Notary Public

(SEAL)



*Arthur V. Pohm*

Arthur V. Pohm

STATE OF MINNESOTA

)

) ss.

COUNTY OF HENNEPIN

)

Subscribed and sworn to before me, a Notary Public, this 3 day of MARCH, 200<sup>4</sup>~~5~~.

*Curt A. Reynders*

Notary Public

(SEAL)

